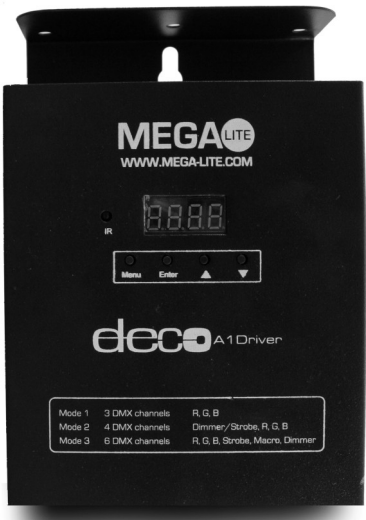




deco A1 Driver



USER MANUAL

Table of Contents

Safety Information.....	3
Specifications.....	4
Main Power Connection.....	5
DMX-512 Connection.....	5
Rigging the Fixture.....	6
Installation.....	6
Main Control Menu.....	8
DMX Profile.....	9
Infrared Remote Control.....	10
Cleaning & Maintenance.....	10
Parts List.....	10

Check that the unit has not been damaged during transport



**Read all cautions and warnings
prior to operation of this
equipment**

Protection Against Fire



Fire

1. Maintain a minimum of 1 foot distance from any type of flame.
2. Do Not install the unit too close to a heat source.
3. Make sure cables are properly secured away from movement.
4. Maximum surface operating temperature 90°.

Protection Against Electrical Dangers



Electrical

1. Disconnect power before servicing.
2. For connection to main power supply proceed to page 5.
3. This unit must be earthed. (electronically grounded)
4. Do not expose unit to rain or moisture.
5. The Unit must be installed in a well ventilated area.
6. Be sure no ventilation slots are blocked.

Protection Against Mechanical Hazards



Mechanical

1. Use safety chain when hanging unit
2. Unit surface may reach high temperature. Allow about 5 minutes after powering the unit before moving.

What is included

1pc Dream Drive
1pc Infrared remote control
1pc User manual

Specifications

Part Numbers

Fixture

5025- Deco A1 Driver

Mechanical Specifications

- Fastening System:** Wall & Ceiling mount kit
- Display:** Digital
- Power Connection:** Cable Mounted Edison head.
- Housing:** Black painted
- Connection:** Cat 5 panel mount



Fixture	Packaged for Shipping
Size: 8.5" x 5.75" x 2.88"	Size: 9.25" x 7" x 3.25"
Weight: 3.63 lbs	Weight: 4.5lbs

Electrical Specifications

- Power Input:** 100 - 240V 50/60 Hz
- Outputs:** 1
- Ballast:** Electronic
- Output:** 24V
- Power output: 75W
- Power Consumption:** 52 Watts
.72 Amps

Control & Programming

- Protocol:** DMX 512
- 3 DMX Modes:**
- | | | |
|--------|----------------|------------------------------|
| Mode 1 | 3 DMX Channels | RGB |
| Mode 2 | 4 DMX Channels | Dimmer / Strobe, R,G,B |
| Mode 3 | 6 DMX Channels | R,G,B, Strobe, Macro, Dimmer |
- Control options:** Audio-trigger, Infrared remote control (included)
- Operating mode:** Master/Slave, Stand alone

Main Power Connection

Caution!

1. Do not connect fixture to a dimmer system.
2. This unit must be earthed. (electronically grounded)
3. Replace fuse only with the specified type and rating.

The occupation of the connection-cable is as follows:

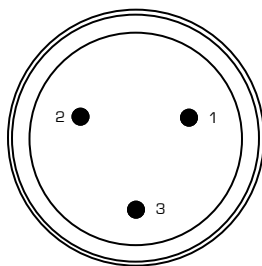
The fixture is equipped with an electronic power supply that will let the unit operate 100V to 240 from 50Hz to 60Hz

Cable (USA)	Cable (EU)	Pin	110V	220V
Black	Brown	Live	L	L
White	Light Blue	Neutral	N	L
Green	Yellow/Green	Pin		N

DMX-512 Connection

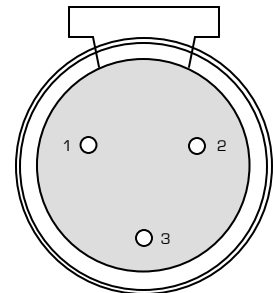
The fixture is equipped with 3 pin XLR Sockets for DMX input and output. The sockets are wired in parallel. Only use a shielded twisted pair cable designed for RS-485 and 3 pin XLR plugs and connectors in order to connect the controller with the fixture or the fixture with another.

DMX—input



DMX—output

1. Shield
2. Signal [-]
3. Signal [+]



Caution!

At the last fixture the DMX signal needs to be terminated with a terminator. Solder a 120 Ohm resistor between the [-] and the [+] signal into a 3 pin XLR plug and plug it in to the last fixture on the signal run. Pre-manufactured terminator plugs are available for purchase from your Mega-Lite dealer (HOS-DMXT).

Note: After switching the unit on it will automatically detect whether DMX 512 data is received or not . If it's receiving DMX 512 data the display screen will flash on the bottom right corner. If DMX 512 signal is not present the display will stop flashing.

Rigging the fixture

Caution!

1. The installations must be carried out by an authorized dealer or trained professional.
2. Unit may cause severe injuries if you have doubts concerning the safety do not install.
3. Unit is to be 24 inches away from flammable materials (decoration material)
4. Use high quality installation equipment to hang unit.

When rigging a unit it is very important that you follow common safety procedures. Rigging requires extensive experience including but not limited to calculating working loads, material being used and periodic safety inspections. If you lack these qualifications, do not attempt the installation yourself, instead use a professional structural rigger.

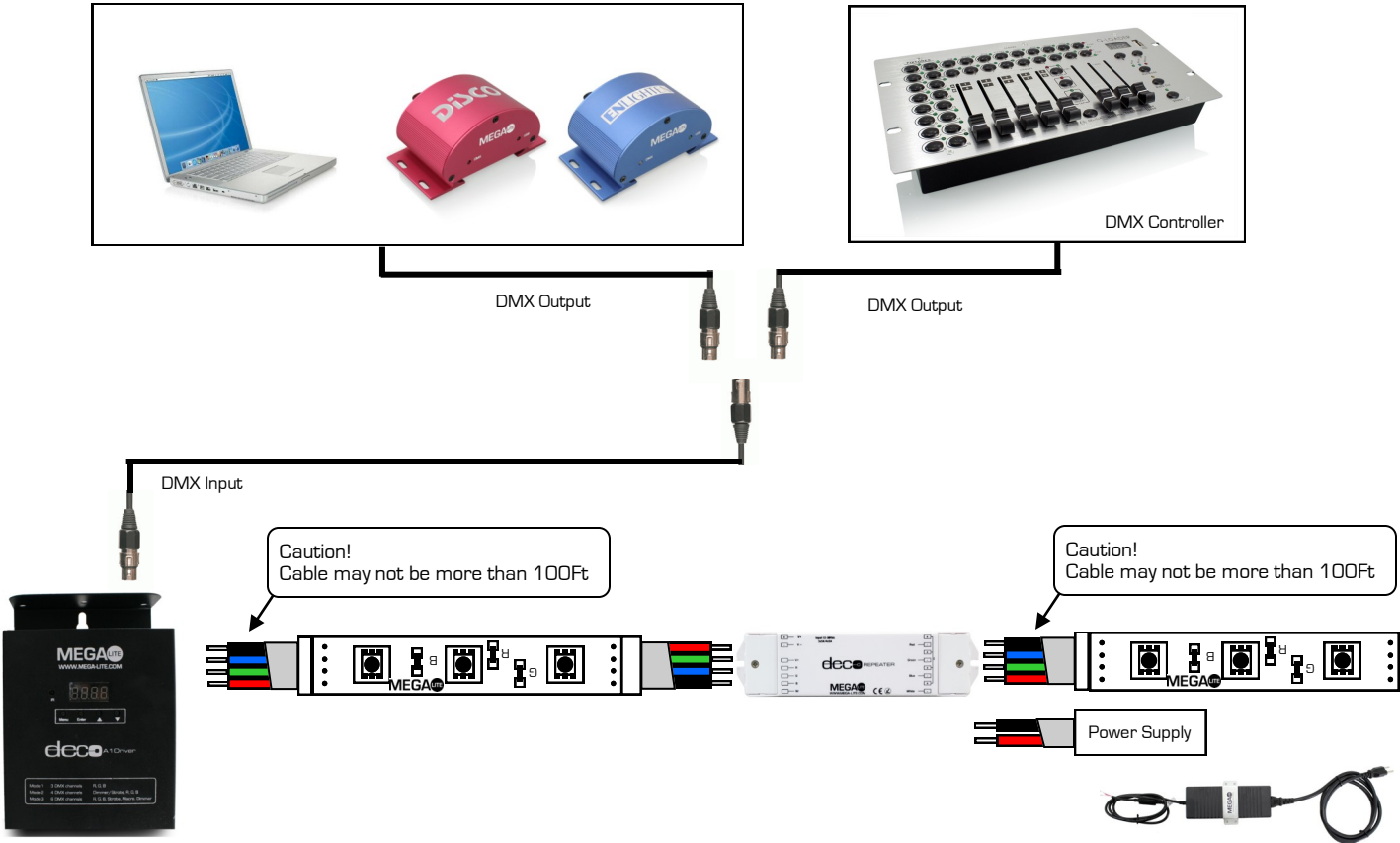
When rigging the unit always be secured with a secondary safety attachment. The installation location of the projector has got to be built in the way that it can hold 10 times the weight for 1 hour with out any harming. Installation should be checked at least one time a year by a skilled person.

Installation Using Deco A1 Driver

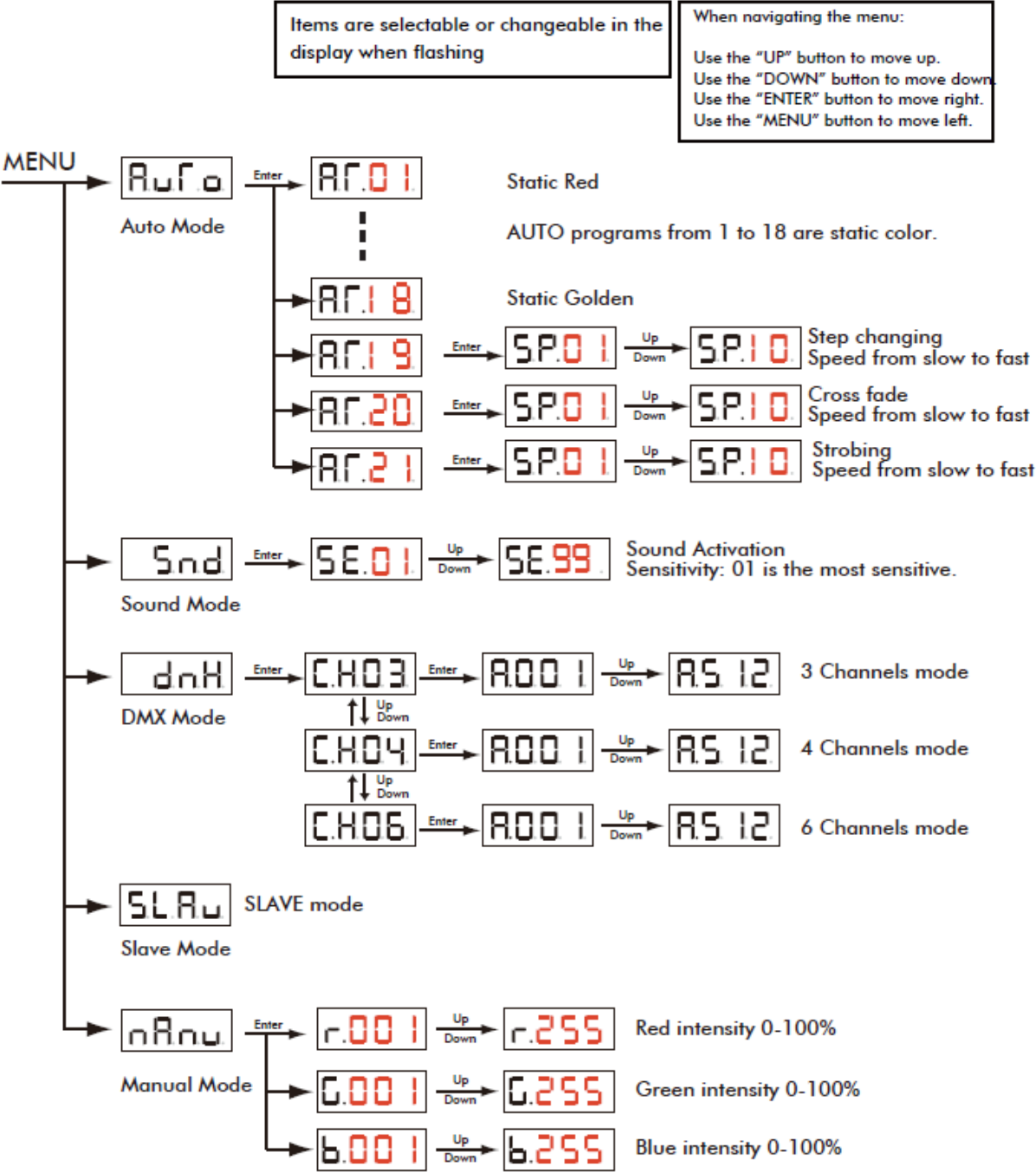
Connect Deco Ribbon to the Deco A1 Driver



Installing using Deco A1 Driver & Deco Repeater Signal Extender



Control Board



DMX Profile

Deco Driver A1 Mode 1 (3 Channels)

DMX Chanel	Function	Description	Value
1	LED Color	Red LED intensity	0-255
2	LED Color	Green LED Intensity	0-255
3	LED Color	Blue LED Intensity	0-255

Deco Driver A1 Mode 2 (4 Channels)

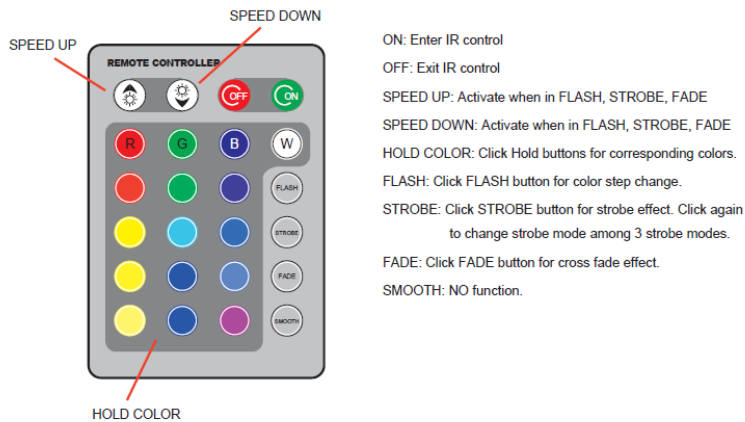
DMX Chanel	Function	Description	Value
1	Dimmer	Dimmer	0-152
		Strobe (slow to fast)	153-242
		Dimmer Full On	243-255
2	LED Color	Red LED intensity	0-255
3	LED Color	Green LED Intensity	0-255
4	LED Color	Blue LED Intensity	0-255

Deco Driver A1 Mode 3 (6 Channels)

DMX Chanel	Function	Description	Value
1	LED Color	Red LED intensity	0-255
2	LED Color	Green LED Intensity	0-255
3	LED Color	Blue LED Intensity	0-255
4	Strobe	Strobe (slow to fast)	0-255
5	Macro	No Function	0-1
		Color Fade (slow to fast)	2-19
		Color Snap (slow to fast)	20-39
		Random (slow to fast)	40-59
		Audio Fade (slow to fast)	60-79
		Audio Snap (slow to fast)	80-99
		Audio Strobe (slow to fast)	100-119
		Audio color pulse (slow to fast)	120-139
		Red Pulse	140-159
		Green Pulse	160-179
		Blue Pulse	180-199
		Yellow Pulse	200-219
		Aqua Pulse	220-229
		White Pulse	230-249
		White LED Full	250-255
6	Dimmer	Dimmer Off to Full	0-255

Infrared Remote Control

Whatever mode Dream Driver is in, you can click ON button of the Infrared Controller to enter Infrared control. To exit Infrared Control click of the OFF button and the Dream Driver will return to it's previous status.



Cleaning and maintenance

Installation Maintenance: The operator has to make sure that the unit is operating safely and has the installations and electronics checked by an expert every 2 years.

The following points have to be considered during the inspection:

- 1) All screws used for installing the device or part of the device have to be tightly connected and must not be corroded.
- 2) There must not be any deformations on the housing, fixation and installation spots (ceiling, suspension, trussing).
- 3) The electronic power supply cables must not show any damages, material fatigue (e.g. porous cables) or sediments. Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.

Parts List

5025-IC	Infrared Remote Control
5025-MPCB	Main PCB Card
5025-DIS	Display Card
5025-PS	Power Supply
5025-CON	4 Pin Connection

Warranty Information

Limited Warranty

Unless otherwise stated, your product is covered by a one year parts and labor limited warranty. Dichroic filters and glass gobos are not guaranteed against breakage or scratches to coating. It is the owner's responsibility to furnish receipts or invoices for verification of purchase, date, and dealer or distributor. If purchase date cannot be provided, date of manufacture will be used to determine warranty period.

Returning an Item Under Warranty for Repair

It is necessary to obtain a Return Material Authorization (RMA) number from your dealer or point of purchase BEFORE any units are returned for repair. The manufacturer will make the final determination as to whether or not the unit is covered by warranty. Lamps are covered by the lamp manufacturer's warranty.

Any Product unit or parts returned to MEGA Systems Inc. must be packaged in a suitable manner to ensure the protection of such Product unit or parts, and such package shall be clearly and prominently marked to indicate that the package contains returned Product units or parts and with an RMA number. Accompany all returned Product units or parts with a written explanation of the alleged problem or malfunction. Ship returned Product units or parts to: 5711 Kenwick St. San Antonio TX 78254 USA.

Note: Freight Damage Claims are invalid for fixtures shipped in non-factory boxes and packing materials.

Freight

All shipping will be paid by the purchaser. Items under warranty shall have return shipping paid by the manufacturer only in the Continental United States. Under no circumstances will freight collect shipments be accepted. Prepaid shipping does not include rush expediting such as air freight. Air freight can be sent customer collect in the Continental United States.

REPAIR OR REPLACEMENT AS PROVIDED FOR UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. MEGA SYSTEMS INC. MAKES NO WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO ANY PRODUCT, AND MEGA SYSTEMS SPECIFICALLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. MEGA SYSTEMS SHALL NOT BE LIABLE FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGE, INCLUDING LOST PROFITS, SUSTAINED OR INCURRED IN CONNECTION WITH ANY PRODUCT OR CAUSED BY PRODUCT DEFECTS OR THE PARTIAL OR TOTAL FAILURE OF ANY PRODUCT REGARDLESS OF THE FORM OF ACTION, WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, AND WHETHER OR NOT SUCH DAMAGE WAS FORESEEN OR UNFORESEEN. Warranty is void if the product is misused, damaged, modified in any way, or for unauthorized repairs or parts. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

MEGA^{LITE}
www.mega-lite.com

Mega-Lite
5718 Kenwick St
San Antonio, TX 78238
Ph 210-684-2600 Fax 210-855-6279
www.mega-lite.com / info@mega-lite.com